

# INTERNATIONAL SEARCH REPORT

Int. Application No  
PCT/GB2004/004324

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C11D17/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/011067 A1 (ALLAN PETER STEWART ET AL) 2 August 2001 (2001-08-02) paragraph '0257!; examples	1-25
X	US 2003/050216 A1 (NEERGAARD RICHARD ET AL) 13 March 2003 (2003-03-13) paragraphs '0020!, '0024!; claims; examples	1-26
X	US 2002/010123 A1 (GASSENMEIER THOMAS OTTO ET AL) 24 January 2002 (2002-01-24) paragraph '0109!; claims; examples	1-26
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- 'A' document defining the general state of the art which is not considered to be of particular relevance
- 'E' earlier document but published on or after the international filing date
- 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- 'O' document referring to an oral disclosure, use, exhibition or other means
- 'P' document published prior to the international filing date but later than the priority date claimed

- 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- '&' document member of the same patent family

Date of the actual completion of the international search

21 January 2005

Date of mailing of the international search report

02/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Pentek, E

# INTERNATIONAL SEARCH REPORT

Int'l Application No  
PCT/GB2004/004324

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 716 144 A (UNILEVER PLC ; UNILEVER NV (NL)) 12 June 1996 (1996-06-12) page 2, lines 36-48 page 3, line 55 - page 4, line 20 page 5, lines 8-41 page 6, lines 14-19, 34-38 page 7, lines 23-40 claims; examples	1-13, 26
X	US 6 291 421 B1 (CAO HOAI-CHAU ET AL) 18 September 2001 (2001-09-18) column 2, line 52 - column 3, line 3 column 4, line 19 column 7, lines 53-65 examples	1-13, 26
X	US 3 407 144 A (FRANK BATH DAVID) 22 October 1968 (1968-10-22) column 2, lines 32-66 column 5, line 66 - column 6, line 17; example I	1-13, 26

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 1-13,26

Claim 1 relates to a detergent body having a high proportion of a solid component and being produced in an injection moulding process. This claim is defined in term of a process of manufacture and is allowable only if the product, i.e. the detergent body as such is novel and inventive. The product is not rendered novel by the fact that it is produced by means of a "new process". Therefore, it is not possible to search claim 1, as well as the rest of the product claims and the use claim (claims 2 to 13 and claim 26) in a completely manner as such a search will reveal a very large number of documents relevant to the issue of novelty. So many documents were retrieved that it is impossible to determine which parts of claims 2 to 13 and 26 may be said to define subject-matter for which protection might legitimately be sought (Article 6 PCT). For these reasons, a meaningful search over the whole breadth of claim 1 is impossible. Consequently, the search of the product claims (claims 1 to 13) and of the use claim (claim 26) has been restricted to:

A detergent body showing advantages in physical properties as indicated in the present description on page 4, lines 5 to 11, i.e. benefits in terms of smoothness/glossiness of the external surfaces and low friability.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

# INTERNATIONAL SEARCH REPORT

national application No.  
PCT/GB2004/004324

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 1-13, 26  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/GB2004/004324

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2001011067	A1	02-08-2001	AU 726769 B2 23-11-2000
			AU 7530698 A 11-12-1998
			AU 742860 B2 17-01-2002
			AU 7764598 A 11-12-1998
			BR 9808811 A 18-07-2000
			BR 9809823 A 27-06-2000
			CA 2289762 A1 26-11-1998
			CA 2289944 A1 26-11-1998
			CN 1137982 C 11-02-2004
			CN 1264421 T 23-08-2000
			DE 69809226 D1 12-12-2002
			DE 69809226 T2 24-07-2003
			DE 69823027 D1 13-05-2004
			DE 69823027 T2 12-08-2004
			EA 1627 B1 25-06-2001
			WO 9853038 A1 26-11-1998
			WO 9853039 A1 26-11-1998
			EP 0985022 A1 15-03-2000
			EP 0983337 A1 08-03-2000
			ES 2217556 T3 01-11-2004
			ES 2186169 T3 01-05-2003
			HU 0002997 A2 28-02-2001
			ID 24359 A 13-07-2000
			ID 22987 A 23-12-1999
			JP 2001525880 T 11-12-2001
			JP 2001525881 T 11-12-2001
			PL 336795 A1 17-07-2000
			PL 336976 A1 31-07-2000
			RU 2220192 C2 27-12-2003
			US 6224812 B1 01-05-2001
			US 6238612 B1 29-05-2001
			US 2001016566 A1 23-08-2001
			ZA 9804031 A 15-11-1999
			ZA 9804032 A 15-11-1999
			HU 0002163 A2 28-12-2000
US 2003050216	A1	13-03-2003	DE 10005575 A1 23-08-2001
			AU 3203501 A 20-08-2001
			EP 1254207 A1 06-11-2002
			WO 0159056 A1 16-08-2001
			GB 2361241 A 17-10-2001
US 2002010123	A1	24-01-2002	DE 10019936 A1 25-10-2001
			AU 2162501 A 12-06-2001
			CA 2327453 A1 04-06-2001
			WO 0140420 A2 07-06-2001
			DE 19958471 A1 21-06-2001
EP 0716144	A	12-06-1996	EP 0716144 A2 12-06-1996
			US 5916866 A 29-06-1999
US 6291421	B1	18-09-2001	US 6294516 B1 25-09-2001
			US 6258767 B1 10-07-2001
			AU 5559501 A 12-11-2001
			BR 0110349 A 22-06-2004
			CA 2405727 A1 08-11-2001
			CN 1439047 T 27-08-2003
			EP 1276838 A1 22-01-2003

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/GB2004/004324

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6291421	B1	JP 2003531969 T	28-10-2003
		WO 0183663 A1	08-11-2001
		AU 5557701 A	07-11-2001
		BR 0110354 A	21-01-2003
		CA 2406174 A1	01-11-2001
		CN 1439046 T	27-08-2003
		EP 1149893 A1	31-10-2001
		EP 1276837 A1	22-01-2003
		JP 2003531311 T	21-10-2003
		WO 0181520 A1	01-11-2001
		US 2002013244 A1	31-01-2002
		AU 5377001 A	07-11-2001
		BR 0110345 A	13-05-2003
		CA 2405862 A1	01-11-2001
		CN 1439048 T	27-08-2003
		EP 1149894 A1	31-10-2001
		EP 1276836 A2	22-01-2003
		JP 2003531312 T	21-10-2003
		WO 0181521 A2	01-11-2001
		US 2002169094 A1	14-11-2002
		US 2002010118 A1	24-01-2002
US 3407144	A	22-10-1968 GB 1022680 A	16-03-1966